

DECLARATION AND POWER OF ATTORNEY

I, a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR NUCLEAR MAGNETIC RESONANCE MEASURING WHILE DRILLING

and for which a patent application:

is attached hereto and includes amendment(s) filed on (if applicable)

was filed in the United States on January 15, 1999 as Application No. 09/232,072 (for declaration not accompanying application)

with amendment(s) filed on (if applicable)

was filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION

APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
60/071,612	January 16, 1998
60/071,699	January 16, 1998

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), William S. Galliani (Reg. No. 33885), Gary S. Williams (Reg. No. 31066), Mark A. Farley (Reg. No. 33170) and Ann L. Gisolfi (Reg. No. 31956), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

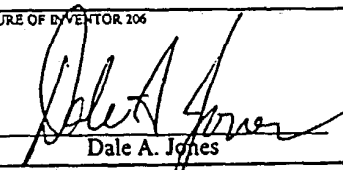
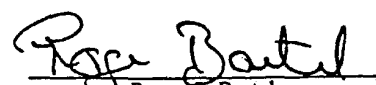
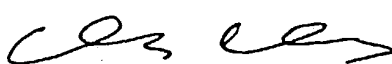
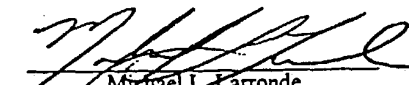

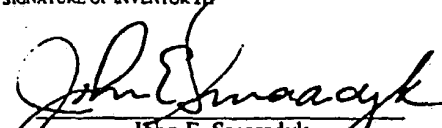
SEND CORRESPONDENCE TO: PENNIE & EDMONDS LLP
1155 AVENUE OF THE AMERICAS
NEW YORK, N.Y. 10036-2711

DIRECT TELEPHONE CALLS TO:
PENNIE & EDMONDS LLP DOCKETING
(212) 790-2803

201	FULL NAME OF INVENTOR	LAST NAME Prammer	FIRST NAME Manfred	MIDDLE NAME G.	
	RESIDENCE & CITIZENSHIP	CITY Downingtown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP Austria	
	POST OFFICE ADDRESS	STREET 291 Hadfield Road	CITY Downingtown	STATE OR COUNTRY Pennsylvania	ZIP CODE 19335
202	FULL NAME OF INVENTOR	LAST NAME Dudley	FIRST NAME James	MIDDLE NAME H.	
	RESIDENCE & CITIZENSHIP	CITY Downingtown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 16 Webb Road	CITY Downingtown	STATE OR COUNTRY Pennsylvania	ZIP CODE 19335
203	FULL NAME OF INVENTOR	LAST NAME Masak	FIRST NAME Peter	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY West Chester	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP Canada	
	POST OFFICE ADDRESS	STREET 47 Sheffield Lane	CITY West Chester	STATE OR COUNTRY Pennsylvania	ZIP CODE 19380
204	FULL NAME OF INVENTOR	LAST NAME Goodman	FIRST NAME George	MIDDLE NAME D.	
	RESIDENCE & CITIZENSHIP	CITY Phoenixville	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 193 E. Beacon Dr.	CITY Phoenixville	STATE OR COUNTRY Pennsylvania	ZIP CODE 19460
205	FULL NAME OF INVENTOR	LAST NAME Morys	FIRST NAME Marian	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Downingtown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP Poland	
	POST OFFICE ADDRESS	STREET 835 Tremont Drive	CITY Downingtown	STATE OR COUNTRY Pennsylvania	ZIP CODE 19335
206	FULL NAME OF INVENTOR	LAST NAME Jones	FIRST NAME Dale	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 4407 Lavell	CITY Houston	STATE OR COUNTRY Texas	ZIP CODE 77018
207	FULL NAME OF INVENTOR	LAST NAME Bartel	FIRST NAME Roger	MIDDLE NAME P.	
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 3000 North Belt	CITY Houston	STATE OR COUNTRY Texas	ZIP CODE 77032
208	FULL NAME OF INVENTOR	LAST NAME Chen	FIRST NAME Chen-Kang	MIDDLE NAME David	
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP Republic of China	
	POST OFFICE ADDRESS	STREET 1818 Wagon Gap	CITY Houston	STATE OR COUNTRY Texas	ZIP CODE 77090

2 3 9	FULL NAME OF INVENTOR	LAST NAME Larronde	FIRST NAME Michael	MIDDLE NAME L.
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 15022 Seahorse	CITY Houston	STATE OR COUNTRY Texas
				ZIP CODE 77062
2 1 0	FULL NAME OF INVENTOR	LAST NAME Rodney	FIRST NAME Paul	MIDDLE NAME F.
	RESIDENCE & CITIZENSHIP	CITY Spring	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 6134 Jadecrest Ct.	CITY Spring	STATE OR COUNTRY Texas
				ZIP CODE 77389
2 1 1	FULL NAME OF INVENTOR	LAST NAME Smaardyk	FIRST NAME John	MIDDLE NAME E.
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 18311 Mountfield Drive	CITY Houston	STATE OR COUNTRY Texas
				ZIP CODE 77084

hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 Manfred G. Prammer	SIGNATURE OF INVENTOR 202 James H. Dudley	SIGNATURE OF INVENTOR 203 Peter Masak
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204 George D. Goodman	SIGNATURE OF INVENTOR 205 Marian Morys	SIGNATURE OF INVENTOR 206  Dale A. Jones
DATE	DATE	DATE 3-29-99
SIGNATURE OF INVENTOR 207  Roger F. Bartel	SIGNATURE OF INVENTOR 208  Chen-Kang David Chen	SIGNATURE OF INVENTOR 209  Michael L. Larronde
DATE 3-29-99	DATE 3-29-99	DATE 3-29-99
SIGNATURE OF INVENTOR 210  Paul F. Rodney	SIGNATURE OF INVENTOR 211  John E. Smaardyk	
DATE 3-29-99	DATE 3-29-99	

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METHOD AND APPARATUS FOR NUCLEAR MAGNETIC RESONANCE MEASURING WHILE DRILLING

and for which a patent application:

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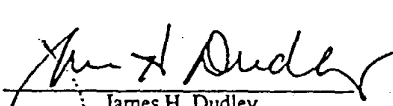
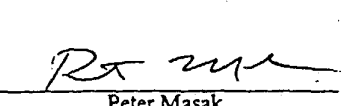
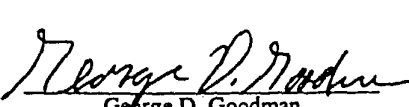
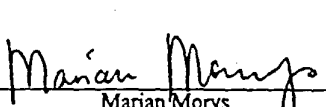
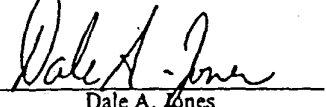
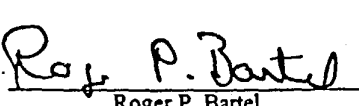



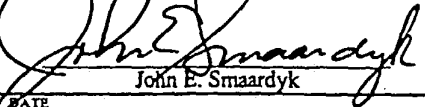
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NEW YORK, N.Y. 10036-2711

DIRECT TELEPHONE CALLS TO:
PENNIE & EDMONDS LLP DOCKETING
(212) 790-2803

201	FULL NAME OF INVENTOR	LAST NAME Prammer	FIRST NAME Manfred	MIDDLE NAME G.	
	RESIDENCE & CITIZENSHIP	CITY Downingtown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP Austria	
	POST OFFICE ADDRESS	STREET 291 Hadfield Road	CITY Downingtown	STATE OR COUNTRY Pennsylvania	ZIP CODE 19335
202	FULL NAME OF INVENTOR	LAST NAME Dudley	FIRST NAME James	MIDDLE NAME H.	
	RESIDENCE & CITIZENSHIP	CITY Downingtown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 16 Webb Road	CITY Downingtown	STATE OR COUNTRY Pennsylvania	ZIP CODE 19335
203	FULL NAME OF INVENTOR	LAST NAME Masak . . .	FIRST NAME Peter	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY West Chester	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP Canada	
	POST OFFICE ADDRESS	STREET 47 Sheffield Lane	CITY West Chester	STATE OR COUNTRY Pennsylvania	ZIP CODE 19380
204	FULL NAME OF INVENTOR	LAST NAME Goodman	FIRST NAME George	MIDDLE NAME D.	
	RESIDENCE & CITIZENSHIP	CITY Phoenixville	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 193 E. Beacon Dr.	CITY Phoenixville	STATE OR COUNTRY Pennsylvania	ZIP CODE 19460
205	FULL NAME OF INVENTOR	LAST NAME Morys	FIRST NAME Marian	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Downingtown	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP Poland	
	POST OFFICE ADDRESS	STREET 835 Tremont Drive	CITY Downingtown	STATE OR COUNTRY Pennsylvania	ZIP CODE 19335
206	FULL NAME OF INVENTOR	LAST NAME Jones	FIRST NAME Dale	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 4407 Lavell	CITY Houston	STATE OR COUNTRY Texas	ZIP CODE 77018
207	FULL NAME OF INVENTOR	LAST NAME Bartel	FIRST NAME Roger	MIDDLE NAME P.	
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 3000 North Belt	CITY Houston	STATE OR COUNTRY Texas	ZIP CODE 77032
208	FULL NAME OF INVENTOR	LAST NAME Chen	FIRST NAME Chen-Kang	MIDDLE NAME David	
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP Republic of China	
	POST OFFICE ADDRESS	STREET 1818 Wagon Gap	CITY Houston	STATE OR COUNTRY Texas	ZIP CODE 77090

2 0 9	FULL NAME OF INVENTOR	LAST NAME Larronde	FIRST NAME Michael	MIDDLE NAME L.	
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 15022 Seahorse	CITY Houston	STATE OR COUNTRY Texas	ZIP CODE 77062
2 1 0	FULL NAME OF INVENTOR	LAST NAME Rodney	FIRST NAME Paul	MIDDLE NAME F.	
	RESIDENCE & CITIZENSHIP	CITY Spring	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 6134 Jadecrest Ct.	CITY Spring	STATE OR COUNTRY Texas	ZIP CODE 77389
2 1 1	FULL NAME OF INVENTOR	LAST NAME Smaardyk	FIRST NAME John	MIDDLE NAME E.	
	RESIDENCE & CITIZENSHIP	CITY Houston	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 18311 Mountfield Drive	CITY Houston	STATE OR COUNTRY Texas	ZIP CODE 77084

hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201  Manfred G. Prammer	SIGNATURE OF INVENTOR 202  James H. Dudley	SIGNATURE OF INVENTOR 203  Peter Masak
DATE 3/8/95	DATE 3/8/95	DATE 3/8/95
SIGNATURE OF INVENTOR 204  George D. Goodman	SIGNATURE OF INVENTOR 205  Marian Morys	SIGNATURE OF INVENTOR 206  Dale A. Jones
DATE 3/8/95	DATE 3/8/95	DATE
SIGNATURE OF INVENTOR 207  Roger P. Bartel	SIGNATURE OF INVENTOR 208  Chen-Kang David Chen	SIGNATURE OF INVENTOR 209  Michael L. Larronde
DATE	DATE	DATE
SIGNATURE OF INVENTOR 210  Paul F. Rodney	SIGNATURE OF INVENTOR 211  John E. Smaardyk	
DATE	DATE	

ASSIGNMENT

WHEREAS, WE, Manfred G. Prammer, James H. Dudley, Peter Masak, George D. Goodman, Marian Morys, Dale A. Jones, Roger P. Bartel, Chen-Kang David Chen, Michael L. Larronde, Paul F. Rodney, and John E. Smaardyk, ASSIGNORS, citizens of Austria, the United States, Canada, the United States, Poland, the United States, the United States, Republic of China, the United States, the United States, and the United States, residing at 291 Hadfield Road, Downingtown, Pennsylvania 19335; 16 Webb Road, Downingtown, Pennsylvania 19335; 47 Sheffield Lane, West Chester, Pennsylvania 19380; 193 E. Beacon Dr., Phoenixville, Pennsylvania 19460; 835 Tremont Drive, Downingtown, Pennsylvania 19335; 4407 Lavell, Houston, Texas 77018; 3000 North Belt, Houston, Texas 77032; 1818 Wagon Gap, Houston, Texas 77090; 15022 Seahorse, Houston, Texas 77062; 6134 Jadecrest Ct., Spring, Texas 77389; and 18311 Mountfield Drive, Houston, Texas 77084, are the inventors of the invention in

METHOD AND APPARATUS FOR NUCLEAR MAGNETIC RESONANCE MEASURING WHILE DRILLING

for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐ _____
- ☒ which is identified by Pennie & Edmonds LLP docket no. 7420-074-999
- ☒ which was filed on January 15, 1999, Application No. 09/232,072

and WHEREAS, NUMAR CORPORATION, ASSIGNEE, having a place of business at 508 Lapp Road, Malvern, Pennsylvania 19355, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date March 8th, 1999 Manfred G. Prammer L.S.

State of Pennsylvania
County of Chester } SS.:

On this 8th day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Manfred G. Prammer to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Ruth E. Larsen
Notary Seal
Ruth E. Larsen, Notary Public
East Whiteland Twp., Chester County
Expires May 14, 2002
Notary Public.

Date March 8, 1999 James H. Dudley L.S.

State of Pennsylvania
County of Chester } SS.:

On this 8th day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared James H. Dudley to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Ruth E. Larsen
Notarial Seal
Ruth E. Larsen, Notary Public
East Whiteland Twp., Chester County
My Commission Expires May 14, 2002
Member, Pennsylvania Association of Notaries

Date March 8, 1999 Peter Masak L.S.

State of Pennsylvania
County of Chester } SS.:

On this 8th day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Peter Masak to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Ruth E. Larsen
Notarial Seal
Ruth E. Larsen, Notary Public
East Whiteland Twp., Chester County
My Commission Expires May 14, 2002
Member, Pennsylvania Association of Notaries

Date March 8, 1999 George D. Goodman L.S.

State of Pennsylvania
County of Chester } SS.:

On this 8th day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared George D. Goodman to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Ruth E. Larsen
Notarial Seal
Ruth E. Larsen, Notary Public
East Whiteland Twp., Chester County
My Commission Expires May 14, 2002
Member, Pennsylvania Association of Notaries

Date March 8, 1999 Marian Morys L.S.

State of Pennsylvania
County of Chester } SS.:


On this 8th day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Marian Morys to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Ruth E. Larsen
Notary Public.
Notarial Seal
Ruth E. Larsen, Notary Public
East Whiteland Twp., Chester County
My Commission Expires May 14, 2002
Member, Pennsylvania Association of Notaries

Date March 15th, 1999 Dale A. Jones L.S.

State of Texas
County of Harris } SS.:


On this 15 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Dale A. Jones to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Sheilah A. Fichtner
Notary Public.
 SHEILAH A. FICHTNER
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
APRIL 3, 2001

Date 3-15-99, 1999 Roger P. Bartel L.S.

State of Texas
County of Harris } SS.:


On this 15 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Roger P. Bartel to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Sheilah A. Fichtner
Notary Public.
 SHEILAH A. FICHTNER
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
APRIL 3, 2001

Date March 15, 1999 Chen-Kang David Chen L.S.

State of Texas
County of Harris } SS.:


On this 15 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Chen-Kang David Chen to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Sheilah A. Fichtner
Notary Public.
 SHEILAH A. FICHTNER
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
APRIL 3, 2001

Date March 15, 1999 Michael L. Larronde L.S.

State of Texas
County of Harris } SS.:

On this 15 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Michael L. Larronde to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Sheilah A. Fichtner
Notary Public.
 SHEILAH A. FICHTNER
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
APRIL 3, 2001

Date March 15~~th~~, 1999 Paul F. Rodney L.S.
Paul F. Rodney

State of Texas }
County of Harris } SS.:

On this 15~~th~~ day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Paul F. Rodney to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

SHEILAH A. FICHTNER Notary Public.
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
APRIL 3, 2001

Date March 15, 1999 John E. Smaardyk L.S.
John E. Smaardyk

State of Texas }
County of Harris } SS.:

On this 15 day of March, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared John E. Smaardyk to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

SHEILAH A. FICHTNER Notary Public.

SHEILAH A. FICHTNER
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
APRIL 3, 2001